



Savitribai Phule Pune University
(Formerly University of Pune)



Department of Microbiology
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Ref. : Micro / OW / 2025 / G / 282

Date : 10/09/2025

To whomsoever it may concern

Request for Quote (RFQ) from Global manufacturers or its authorized Indian distributor for procurement of High-Performance Liquid Chromatography (HPLC) system with PDA Detector

Dear Sir/Madam,

We invite quotations for purchase of **High-Performance Liquid Chromatography (HPLC) system with PDA Detector** as per the configuration mentioned below. You are requested to send a sealed **two bid quotation** to **The Head, Department of Microbiology, Savitribai Phule Pune University, Pune 411007** on or before **20 September, 2025 till 5.00 pm**.

Technical requirements

Please note that the requirements listed below are only guidelines. Vendors are requested to quote for equipment that meet the criteria to the best extent possible and list deviations, if any. Deviations are NOT an automatic reason for disqualification. They will be discussed by a technical committee prior to making an informed decision.


Technical specifications for high performance liquid chromatography (HPLC) system with PDA detector

1] Solvent Delivery System (Pump)

- Quaternary gradient pump with integrated degasser
- Flow rate range: 0.001 mL/min to 10.0 mL/min
- Flow precision: $\leq 0.1\%$ RSD
- Flow accuracy: $\pm 1\%$ or better
- Pressure range: up to 600 bar
- Pulse-free solvent delivery with automatic pulsation correction
- Safe leak handling must be provided together with leak sensors
- Pump must contain all the necessary accessories as solvent cabinet, solvent bottles, tubing, filters, connections

2] Autosampler

- Injection volume range: 0.1 μ L to 100 μ L. Preferably, should have capacity to upgrade injection volume up to 1500 μ L in future.
- Injection volume precision: $\text{RSD} \leq 0.5\%$
- Carryover: $\leq 0.005\%$
- Auto sampler should have provision for temperature control from 4 to 40 $^{\circ}\text{C}$.
- Sample capacity: ≥ 100 vials (up to 2 mL)


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3] Column Oven

- Temperature range: upto 60°C or better
- Temperature accuracy: $\pm 1^\circ\text{C}$
- Programmable with fast heating and cooling capability
- Capacity to accommodate at least 2 columns

4] Detector (Quote price separately for each detector)

There should be provision to upgrade the system with multiple detectors in future.

a. Photodiode Array (PDA) detector (Essential)

- Wavelength range: 190 nm to 800 nm
- Wavelength accuracy: ± 1 nm or better
- Wavelength precision: ± 0.1 nm or better
- Noise: $\leq 7 \times 10^{-6}$ AU
- Data Rate: 80 Hz or better
- Instrument must have dual lamp design (tungsten and deuterium) for optimum sensitivity

b. Refractive Index Detector (Optional – quote price separately)

- Refractive index range: 1.00–1.75,
- Short-term noise: $\pm 2.5 \times 10^{-9}$ RIU
- Flow cell volume: 8 μl
- Detection type: Deflection method
- Drift: 200×10^{-9} RIU/h
- Calibrated Temperature control: Ambient $+5^\circ\text{C}$ to 55°C

5] Software

- User-friendly interface with instrument control, data acquisition, processing, and reporting
- Audit trail and electronic signature support
- Compatible with Windows 10/11 operating systems

6] Essential Accessories & Consumables

- Analytical C18 Column (250 mm \times 4.6 mm, 5 μm) with guard column
- Set of solvent bottles with caps
- Sample vials and caps starter kit
- Power cords, connectors, tubing, and fittings

7] Compliance

- System should comply with CE/ISO/EN safety standards
- System should be supplied with original manufacturer's catalog and compliance certificates
- Vendor must certify that they have quoted a valid, original and licensed version of Software with online custom calculations from the principal manufacturer. Failing to establish the proof will lead to rejection of bid.
- OEM authorization certificate required if supplied through dealer/distributor

General Terms and Conditions

- 1] Quote should come only from the Original Global Equipment Manufacturer (OEM) or their authorized Indian distributor.
- 2] The bid should be submitted in the two-cover system, i.e., technical bid and commercial bid separately in sealed covers. The technical bid should contain all commercial terms and conditions, except the price.
- 3] The technical bid must contain a point-by-point technical compliance document. The technical proposal should contain a compliance table that should describe your compliance in a "yes" or "no" response against each of the items listed in this RFQ.
- 4] Items in addition to that listed in the technical table that you would like to bring to our attention can be listed at the end of the compliance table. Vendors are encouraged to highlight the advantage of their tools over comparable tools from the competitors in the compliance table
- 5] The commercial bid must include the price of the instrument and all components including accessories preferably indicating component-wise and itemized breakup. Please quote the price of each optional line item separately. Provide the total quoted price for the instrument to be operational (installed and ready to use) in our facility
- 6] The vendor should have qualified technical service personnel for the equipment based in India (preferably in Pune).
- 7] List of customers and references: The vendor should have supplied similar equipment in Central/State Universities preferably in centrally Funded Technical Institutes (IITs, IISc, IISERs, NITs). Please provide the details (copies of work orders/ end user certificates) and contact information.
- 8] The vendor should have a good track record of having previously supplied a minimum of 10 HPLCs in state or central universities/ institutions and should be able to provide End User Certificates from at least five users.
- 9] If the goods are found to be defective, they have to be replaced or rectified at the cost of the supplier within 30 days from the date of receipt of written communication from us.
- 10] The lead time for the delivery of the equipment should not be more than 8 weeks from the date of receipt of our purchase order. It should be clearly mentioned in the technical and commercial bids.
- 11] All the quotations must be valid for at least 90 days at the time of submission.

Service, Training, and Warranty

- 1] The vendor must have local dedicated Sales & Service team in Pune.
- 2] On-site installation, commissioning, and training shall be conducted by a qualified factory-trained engineer.
- 3] A declaration of Conformity certificate and System Validation certificate must be provided. All modules must be GLP compliant.
- 4] Warranty terms and additional warranty options are must for all the components. Please specify the service plan, like whether the local distributor will address the issue or the parent company.
- 5] Terms and conditions for the annual maintenance contract beyond the warranty period should be mentioned.
- 6] If there is any delay in replacement or rectification, the warranty period should be extended accordingly.

Day 9/12/25

Head of the Department

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SAVITRIBAI PHULE PUNE UNIVERSITY

(FORMELY UNIVERSITY OF PUNE)

DEPARTMENT OF MICROBIOLOGY

ENQUIRY FORM

Ref. No. / 0W/2025/G/282

Date:

Quotations are invited for the supply of following goods/carrying our work, so as to reach this office on or before. 20/9/25.

Sr. No.	Description of Material/Item/work	Approximate Quantity	Rate		Remarks
			Per Unit	Amount (RS)	
17	High Performance Liquid Chromatography with PDA detector. (Specification Attached)	01			

1. Octroi Exemption Certificate will be issued for the goods supplied from the places outside Pune Municipal Corporation Limits.
2. Excise duty/Exemption certificate/Sale Tax form will be issued if applicable.
3. Provide authorized dealer/sole distributor certificate along with quotations.
4. Submit quotation with enquiry form duly signed & stamped.

Note: For other terms and conditions see overleaf.

Signature:
Head

Department of Microbiology
Savitribai Phule Pune University

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Signature:

Supplier
(with stamp)

TERMS AND CONDITIONS

1. Mention quotation No. On the envelope
2. Quote rate per unit and date of validity. Date of validity should be minimum of 30 days from the last date validity of submitting the quotation.
3. Submit sample / catalogue of material with quotation if necessary
4. Quotation must be sent along with the covering letter on your letterhead quoting your sales tax registration number
5. Conditional quotation will not be accepted
6. Delivery within ----- days from the date of order at the Department of Microbiology, Savitribai Phule Pune University.
7. Work to be completed within ----- days from the date of order of Savitribai Phule Pune University.
8. Quotation will be rejected in case of even a single correction or overwriting. Only clear and uncorrected quotation will be accepted.
9. Payment as per actual measurement wherever applicable
10. Payment will be made by cross cheque only.
11. Income tax will be deducted as per prevailing rules.
12. Water charges 2% will be recovered if used.
13. In case of works and services contract security deposit will have to be deposited by the contractor in the following manner.
 - a. 2.5 % before commencing the work
 - b. 2.5 % will be deducted from the R. A. bill.
14. Electricity charges will be recovered as per rules if used.
15. The Savitribai Phule Pune University will issue Octroi exemption Certificate if applicable
16. Excise Duty Exemption Certificate / Sales Tax form will be issued if applicable.
17. Rates quoted should be inclusive of all taxes with tax details Example, Excise Duty, Custom duty, Sales tax, packing, for wording, etc.
18. The above terms and conditions are acceptable

Signature of the supplier / Contractor

(With stamp)